

Tommaso Tonetti

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

4,534
citations

126907

33
h-index

110387

64
g-index

75
all docs

75
docs citations

75
times ranked

5589
citing authors

#	ARTICLE	IF	CITATIONS
1	Ventilator-related causes of lung injury: the mechanical power. <i>Intensive Care Medicine</i> , 2016, 42, 1567-1575.	8.2	586
2	Pathophysiology of COVID-19-associated acute respiratory distress syndrome: a multicentre prospective observational study. <i>Lancet Respiratory Medicine</i> , 2020, 8, 1201-1208.	10.7	516
3	Epidemiology of Invasive Pulmonary Aspergillosis Among Intubated Patients With COVID-19: A Prospective Study. <i>Clinical Infectious Diseases</i> , 2021, 73, e3606-e3614.	5.8	335
4	Effect of Helmet Noninvasive Ventilation vs High-Flow Nasal Oxygen on Days Free of Respiratory Support in Patients With COVID-19 and Moderate to Severe Hypoxemic Respiratory Failure. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1731.	7.4	295
5	Hospital-Acquired Infections in Critically Ill Patients With COVID-19. <i>Chest</i> , 2021, 160, 454-465.	0.8	225
6	The future of mechanical ventilation: lessons from the present and the past. <i>Critical Care</i> , 2017, 21, 183.	5.8	176
7	Driving pressure and mechanical power: new targets for VILI prevention. <i>Annals of Translational Medicine</i> , 2017, 5, 286-286.	1.7	170
8	Prone position in intubated, mechanically ventilated patients with COVID-19: a multi-centric study of more than 1000 patients. <i>Critical Care</i> , 2021, 25, 128.	5.8	157
9	Pulmonary embolism in patients with coronavirus disease-2019 (COVID-19) pneumonia: a narrative review. <i>Annals of Intensive Care</i> , 2020, 10, 124.	4.6	149
10	Erector spinae plane block: a systematic qualitative review. <i>Minerva Anestesiologica</i> , 2019, 85, 308-319.	1.0	141
11	How important is obesity as a risk factor for respiratory failure, intensive care admission and death in hospitalised COVID-19 patients? Results from a single Italian centre. <i>European Journal of Endocrinology</i> , 2020, 183, 389-397.	3.7	98
12	Opening pressures and atelectrauma in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2017, 43, 603-611.	8.2	96
13	Incidence and Prognosis of Ventilator-Associated Pneumonia in Critically Ill Patients with COVID-19: A Multicenter Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 555.	2.4	93
14	Reclassifying Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1586-1595.	5.6	87
15	Positive End-expiratory Pressure and Mechanical Power. <i>Anesthesiology</i> , 2019, 130, 119-130.	2.5	80
16	Local anesthetic spread during erector spinae plane block. <i>Journal of Clinical Anesthesia</i> , 2018, 48, 60-61.	1.6	77
17	Regional physiology of ARDS. <i>Critical Care</i> , 2017, 21, 312.	5.8	73
18	Positive end-expiratory pressure: how to set it at the individual level. <i>Annals of Translational Medicine</i> , 2017, 5, 288-288.	1.7	73

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19	Development and validation of a prediction model for severe respiratory failure in hospitalized patients with SARS-CoV-2 infection: a multicentre cohort study (PREDI-CO study). <i>Clinical Microbiology and Infection</i> , 2020, 26, 1545-1553.	6.0	71
20	Factors influencing liberation from mechanical ventilation in coronavirus disease 2019: multicenter observational study in fifteen Italian ICUs. <i>Journal of Intensive Care</i> , 2020, 8, 80.	2.9	67
21	Platelet Drop and Fibrinolytic Shutdown in Patients With Sepsis. <i>Critical Care Medicine</i> , 2018, 46, e221-e228.	0.9	65
22	Assignment of ASA-physical status relates to anesthesiologists'™ experience: a survey-based national-study. <i>Korean Journal of Anesthesiology</i> , 2019, 72, 53-59.	2.5	56
23	Efficacy of corticosteroid treatment for hospitalized patients with severe COVID-19: a multicentre study. <i>Clinical Microbiology and Infection</i> , 2021, 27, 105-111.	6.0	55
24	WSES consensus conference guidelines: monitoring and management of severe adult traumatic brain injury patients with polytrauma in the first 24%hours. <i>World Journal of Emergency Surgery</i> , 2019, 14, 53.	5.0	52
25	The lower respiratory tract microbiome of critically ill patients with COVID-19. <i>Scientific Reports</i> , 2021, 11, 10103.	3.3	52
26	Assessment of a PK/PD Target of Continuous Infusion Beta-Lactams Useful for Preventing Microbiological Failure and/or Resistance Development in Critically Ill Patients Affected by Documented Gram-Negative Infections. <i>Antibiotics</i> , 2021, 10, 1311.	3.7	47
27	Health-related quality of life profiles, trajectories, persistent symptoms and pulmonary function one year after ICU discharge in invasively ventilated COVID-19 patients, a prospective follow-up study. <i>Respiratory Medicine</i> , 2021, 189, 106665.	2.9	46
28	Sustained oxygenation improvement after first prone positioning is associated with liberation from mechanical ventilation and mortality in critically ill COVID-19 patients: a cohort study. <i>Annals of Intensive Care</i> , 2021, 11, 63.	4.6	44
29	Quality of life of COVID-19 critically ill survivors after ICU discharge: 90^days follow-up. <i>Quality of Life Research</i> , 2021, 30, 2805-2817.	3.1	42
30	Expert clinical pharmacological advice may make an antimicrobial TDM program for emerging candidates more clinically useful in tailoring therapy of critically ill patients. <i>Critical Care</i> , 2022, 26, .	5.8	41
31	High-Flow Nasal Oxygen for Severe Hypoxemia: Oxygenation Response and Outcome in Patients with COVID-19. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 431-439.	5.6	38
32	Extracorporeal CO2 Removal: The Minimally Invasive Approach, Theory, and Practice*. <i>Critical Care Medicine</i> , 2019, 47, 33-40.	0.9	36
33	One ventilator for two patients: feasibility and considerations of a last resort solution in case of equipment shortage. <i>Thorax</i> , 2020, 75, 517-519.	5.6	36
34	Efficacy and safety of lower versus higher CO2 extraction devices to allow ultraprotective ventilation: secondary analysis of the SUPERNOVA study. <i>Thorax</i> , 2019, 74, 1179-1181.	5.6	35
35	Use of critical care resources during the first 2 weeks (February 24^March 8, 2020) of the Covid-19 outbreak in Italy. <i>Annals of Intensive Care</i> , 2020, 10, 133.	4.6	31
36	The perils of dental vacation: possible anaesthetic and medicolegal consequences. <i>Medicine, Science and the Law</i> , 2013, 53, 19-23.	1.0	27

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37	How best to set the ventilator on extracorporeal membrane lung oxygenation. <i>Current Opinion in Critical Care</i> , 2017, 23, 66-72.	3.2	27
38	Pathophysiology of COVID-19-associated acute respiratory distress syndrome – Authors' reply. <i>Lancet Respiratory Medicine</i> , 2021, 9, e5-e6.	10.7	25
39	Phenotypes of Patients with COVID-19 Who Have a Positive Clinical Response to Helmet Noninvasive Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 360-364.	5.6	24
40	Volutrauma, Atelectrauma, and Mechanical Power. <i>Critical Care Medicine</i> , 2017, 45, e327-e328.	0.9	22
41	Intensive care medicine in 2050: ventilator-induced lung injury. <i>Intensive Care Medicine</i> , 2018, 44, 76-78.	8.2	22
42	Alveolar recruitment in acute respiratory distress syndrome: should we open the lung (no matter) Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50	8.2	22
43	Rescue therapies for acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , 2017, 23, 52-59.	3.2	12
44	Impact of Maximizing C _{ss} /MIC Ratio on Efficacy of Continuous Infusion Meropenem Against Documented Gram-Negative Infections in Critically Ill Patients and Population Pharmacokinetic/Pharmacodynamic Analysis to Support Treatment Optimization. <i>Frontiers in Pharmacology</i> , 2021, 12, 781892.	3.5	12
45	Cisatracurium- and rocuronium-associated residual neuromuscular dysfunction under intraoperative neuromuscular monitoring and postoperative neostigmine reversal: a single-blind randomized trial. <i>Journal of Clinical Anesthesia</i> , 2016, 35, 198-204.	1.6	9
46	The clinical spectrum of pulmonary thromboembolism in patients with coronavirus disease-2019 (COVID-19) pneumonia: A European case series. <i>Journal of Critical Care</i> , 2021, 61, 39-44.	2.2	9
47	Clinical implications of microvascular CT scan signs in COVID-19 patients requiring invasive mechanical ventilation. <i>Radiologia Medica</i> , 2022, 127, 162-173.	7.7	9
48	Synergistic Effect of Static Compliance and D-dimers to Predict Outcome of Patients with COVID-19-ARDS: A Prospective Multicenter Study. <i>Biomedicines</i> , 2021, 9, 1228.	3.2	6
49	Protective ventilation in patients with acute respiratory distress syndrome related to COVID-19: always, sometimes or never?. <i>Current Opinion in Critical Care</i> , 2022, 28, 51-56.	3.2	6
50	Improved survival in critically ill patients: are large RCTs more useful than personalized medicine? We are not sure. <i>Intensive Care Medicine</i> , 2016, 42, 1781-1783.	8.2	5
51	Effects of regional perfusion block in healthy and injured lungs. <i>Intensive Care Medicine Experimental</i> , 2017, 5, 46.	1.9	5
52	Extracorporeal CO ₂ removal (ECCO ₂ R) in patients with stable COPD with chronic hypercapnia: a proof-of-concept study. <i>Thorax</i> , 2020, 75, 897-900.	5.6	5
53	Extracorporeal carbon dioxide removal for treatment of exacerbated chronic obstructive pulmonary disease (ORION): study protocol for a randomised controlled trial. <i>Trials</i> , 2021, 22, 718.	1.6	5
54	Will all ARDS patients be receiving mechanical ventilation in 2035? We are not sure. <i>Intensive Care Medicine</i> , 2017, 43, 573-574.	8.2	4

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55	Antiviral activity of interferon-based combination therapy in critically ill patients with COVID-19: Preliminary observations. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 24, 124-126.	2.2	3
56	Obesity Is One of the Strongest Risk Factor for Respiratory Failure and Death in COVID-19 Patients: A Retrospective Multicentric Cohort Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
57	Respiratory consequences of intra-abdominal hypertension. <i>Minerva Anestesiologica</i> , 2020, 86, 877-883.	1.0	3
58	Sharing Mechanical Ventilator: In Vitro Evaluation of Circuit Cross-Flows and Patient Interactions. <i>Membranes</i> , 2021, 11, 547.	3.0	2
59	Acute ischemia of the thumb caused by radial artery cannulation. <i>Intensive Care Medicine</i> , 2018, 44, 656-657.	8.2	1
60	Erector spinae plane block as a multiple catheter technique for open esophagectomy: a case report. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2019, 69, 95-98.	0.4	1
61	Individualized positive end-expiratory pressure guided by end-expiratory lung volume in early acute respiratory distress syndrome: study protocol for the multicenter, randomized IPERPEEP trial. <i>Trials</i> , 2022, 23, 63.	1.6	1
62	Management of the Potential Lung Donor. <i>Thoracic Surgery Clinics</i> , 2022, 32, 143-151.	1.0	1
63	Tailoring the cure: still science fiction?. <i>Journal of Thoracic Disease</i> , 2019, 11, E32-E33.	1.4	0
64	Cardiopulmonary Monitoring in the Patient with an Inflamed Lung. , 2021, , 729-739.		0
65	Transpulmonary Pressure to Guide Mechanical Ventilation: Art or Science?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 1120-1121.	5.6	0
66	Central venous line placement and ultrasound probe damage: A word of caution. <i>Journal of Medical Ultrasound</i> , 2019, 27, 110.	0.4	0
67	Effects of invasive ventilation on the lungs. , 2019, , 16-25.		0
68	Safety of Early Tracheostomy Performed by Intensivists in Acute Brain-injured Patients: A 1-Year Observational Study. <i>Journal of Neurosurgical Anesthesiology</i> , 2021, 33, 365-366.	1.2	0
69	Sustained Oxygenation Improvement After First Prone Positioning Is Associated with Liberation from Mechanical Ventilation and Survival in Critically Ill COVID-19 Patients: A Cohort Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
70	Association between respiratory distress time and invasive mechanical ventilation in COVID-19 patients: a multicentre regional cohort study.. <i>Pulmonology</i> , 2022, , .	2.1	0
71	Reply: High-Flow Oxygen Therapy for Severe Hypoxemia: Moving Towards a More Inclusive Definition of ARDS. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, , .	5.6	0